

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L8 | 15 | ("20020170877" "20020197757" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "6245189" "6709522" "6808592" "6841033" "6852169").PN. OR ("7455735").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 14:36 |
| L9 | 1 | "06003928" | JPO; DERWENT | OR | ON | 2009/11/04 14:40 |
| L10 | 1 | "06003928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:40 |
| L11 | 1 | "06003928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:41 |
| L12 | 1 | "6003928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:41 |
| L13 | 9 | "63928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:41 |
| L14 | 39 | "063928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:44 |
| L15 | 1 | "06300928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:47 |
| L16 | 1 | "06003928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:47 |
| L17 | 1 | "06030928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:47 |
| L18 | 1 | "06003928" | EPO; JPO; DERWENT | OR | ON | 2009/11/04 14:54 |
| L19 | 77 | (substrate) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:52 |
| L20 | 7 | (substrate) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:52 |
| L21 | 2 | (plasma) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:54 |
| L22 | 507 | (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:54 |
| L23 | 586 | (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:54 |
| L24 | 667 | (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:55 |

| | | | | | | |
|-----|-------|--|------------------------------------|----|----|------------------|
| L25 | 1005 | (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:55 |
| L26 | 38301 | c23c016\$.ipc. c23f001\$.ipc. ho1l021\$.ipc. | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:56 |
| L27 | 1 | 25 and 26 | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:56 |
| L28 | 1663 | (guid\$4 convey\$4 transport\$4 carry\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:57 |
| L29 | 3 | 28 and 26 | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:57 |
| L30 | 8130 | (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:58 |
| L31 | 8 | 30 and 26 | EPO; JPO; DERWENT | OR | ON | 2009/11/04 15:58 |
| L32 | 24476 | "414"/\$.ccls. (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 16:01 |
| L33 | 11 | "414"/\$.ccls. and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 16:01 |
| L34 | 374 | "414"/\$.ccls. and ((adjust\$7 chang\$7 customiz\$5 custom\$4) same (spac\$4 interval distance) same (hole orifice recess) same (width wide dimension siz\$3)) | US-PGPUB; USPAT | OR | ON | 2009/11/04 16:17 |
| L35 | 27 | ("2847109" "2883074" "2928559" "2949179" "3027020" "3142389" "3346128" "3420385" "3442401").PN. OR ("3570685").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 16:26 |
| L36 | 2 | 11/335,589 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 17:19 |
| L37 | 1 | 11/665,589 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 17:19 |
| L38 | 0 | 11/665,589 and (plasma etch\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 17:20 |
| L39 | 1 | 11/665,589 and (plasma etch\$4 electrode clean \$3 gas vapor sputter\$4 "pvd" strip\$4 ash\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 17:20 |
| L40 | 12 | ("1558389" "1715611" "3951271" "4370086" "4392775").PN. OR ("4588185").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 17:46 |
| L41 | 16 | ("3731823" "3734567" "4355940" "4618295" "4630975" "5037245" "5584614" "6183186" "6241427" "6676365" "6808358" "6907755").PN. OR ("7108474").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/04 19:45 |
| L42 | 4 | korenaga-tetsuo.in. nagadome-ryuji.in. | US-PGPUB; USPAT | OR | ON | 2009/11/04 20:42 |
| S7 | 1 | 10/593,385 | US-PGPUB; USPAT | OR | ON | 2009/10/27 18:36 |
| S8 | 2 | "2001358122" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/10/27 18:45 |

| | | | | | | |
|-----|-----|--|--|----|-----|---------------------|
| S9 | 13 | "5823416" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/10/28 11:22 |
| S10 | 3 | ((("5823416") or ("6093904") or ("5443689") or ("5823416")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/28 11:22 |
| S11 | 4 | ("4227983" "4693211" "5773088" "5879519").PN. | US-PGPUB; USPAT | OR | ON | 2009/10/28 11:30 |
| S12 | 246 | matsushita.as. and plasma and substrate and electrostatic\$4 | US-PGPUB; USPAT | OR | ON | 2009/10/28 11:32 |
| S13 | 4 | matsushita.as. and plasma and substrate and electrostatic\$4 and attitude | US-PGPUB; USPAT | OR | ON | 2009/10/28 11:33 |
| S14 | 0 | matsushita.as. and awai and furukawa | US-PGPUB; USPAT | OR | ON | 2009/10/28 11:33 |
| S15 | 1 | matsushita.as. and iwai and furukawa | US-PGPUB; USPAT | OR | ON | 2009/10/28 11:33 |
| S16 | 6 | ("5823416" "5951772" "5972163" "6093904" "6239036" "6313583").PN. OR ("6551444").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:34 |
| S17 | 966 | 118/719.ccls. and plasma | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:53 |
| S18 | 101 | 118/719.ccls. and plasma and bueker | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:53 |
| S19 | 10 | (156/345.31-345.32).ccls. and plasma and bueker | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 11:05 |
| S20 | 37 | (156/345.31-345.32,118/719,118/718).ccls. and plasma and moore and karla | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 11:06 |
| S21 | 10 | (156/345.31-345.32,118/719,118/718).ccls. and plasma and nordson | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 11:08 |
| S22 | 64 | ("3294670" "3641973" "4208159" "4252595" "4278528" "4318767" "4336438" "4405435" "4418639" "4483651" "4550239" "4550242" "4575299" "4584045" "4637853" "4705444" "4770121" "4816116" "4816638" "4840702" "4889609" "5030056" "5044871" "5079031" "5086729" "5110249" "5116640" "5147067" "5216223" "5259942" "5286296" "5288684" "5292393" "5302077" "5303671" "5310410" "5314298" "5345056" "5387265" "5433371" "5480052" "5492265" "5515986" "5518599" "5542559" "5573597" "5576629" "5587205" "5609290" "5634765" "5647942" "5707485" "5767008" "5779807" "5823416" "5958510" "5972163" "6093904" "6217272" "6331347" "6609877" "6682288").PN. OR ("6841033").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 11:08 |
| S23 | 9 | ("4895244" "5495661").PN. OR ("5634765").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 11:38 |
| S24 | 1 | 10/593,385 and holding | US-PGPUB; USPAT | OR | ON | 2009/10/29 12:45 |
| S25 | 2 | "7455735" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/10/29 14:18 |

| | | | | | | |
|-----|------|--|--|----|----|---------------------|
| S26 | 29 | ("20020197757" "20020170877" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "5075530" "6245189" "6709522" "6808592" "6841033" "6852169").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/10/29 14:20 |
| S27 | 15 | ("20020197757" "20020170877" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "5075530" "6245189" "6709522" "6808592" "6841033" "6852169").PN. | US-PGPUB; USPAT | OR | ON | 2009/10/29 14:20 |
| S28 | 1 | (156/345.31-345.32,118/719,118/718).ccls. and plasma and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:30 |
| S29 | 1 | (156/345.31-345.32,118/719,118/718).ccls. and plasma and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:30 |
| S30 | 1 | (156/345.31-345.32,118/719,118/718).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:31 |
| S31 | 0 | (156/345.31-345.32,118/719,118/718,404/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:31 |
| S32 | 0 | (156/345.31-345.32,118/719,118/718,204/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:31 |
| S33 | 0 | (156/345.31-345.32,118/719,118/718,204/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:34 |
| S34 | 1311 | (156/345.31-345.32.ccls. 118/718-719.ccls. 204/298.\$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:35 |
| S35 | 31 | (156/345.31-345.32.ccls. 118/718-719.ccls. 204/298.\$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:35 |
| S36 | 29 | (US-20080251208-\$ or US-20050039853-\$ or US-20070068455-\$ or US-20030196760-\$ or US- 20040211516-\$ or US-20070175588-\$).did. or (US-4693211-\$ or US-6551444-\$ or US- 4681773-\$ or US-6808592-\$ or US-6841033-\$ or US-7201823-\$ or US-4278528-\$ or US- 4405435-\$ or US-4483651-\$ or US-5302077-\$ or US-5634765-\$ or US-4895244-\$ or US- 5495661-\$ or US-6972071-\$ or US-5823416-\$ or US-6217272-\$ or US-6682288-\$ or US- 7455735-\$ or US-5149967-\$ or US-6245189-\$). did. or (JP-2001358122-\$).did. or (JP- 2001358122-\$ or US-20070068455-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2009/10/29 14:42 |
| S37 | 1 | (S36) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:42 |
| S38 | 11 | (S36) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:42 |

| | | | | | | |
|-----|------|---|-------------------------------------|----|-----|---------------------|
| S39 | 15 | ("20020170877" "20020197757" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "6245189" "6709522" "6808592" "6841033" "6852169").PN. OR ("7455735").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 14:49 |
| S40 | 30 | (US-20080251208-\$ or US-20050039853-\$ or US-20070068455-\$ or US-20030196760-\$ or US-20040211516-\$ or US-20070175588-\$ or US-20050269031-\$).did. or (US-4693211-\$ or US-6551444-\$ or US-4681773-\$ or US-6808592-\$ or US-6841033-\$ or US-7201823-\$ or US-4278528-\$ or US-4405435-\$ or US-4483651-\$ or US-5302077-\$ or US-5634765-\$ or US-4895244-\$ or US-5495661-\$ or US-6972071-\$ or US-5823416-\$ or US-6217272-\$ or US-6682288-\$ or US-7455735-\$ or US-5149967-\$ or US-6245189-\$).did. or (JP-2001358122-\$). did. or (JP-2001358122-\$ or US-20070068455-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2009/11/03 13:04 |
| S41 | 12 | S40 and ceramic | US-PGPUB; USPAT | OR | ON | 2009/11/03 13:04 |
| S42 | 5 | "10223725" | EPO; JPO; DERWENT | OR | ON | 2009/11/03 13:14 |
| S43 | 1 | ("5972163").PN. | US-PGPUB; USPAT | OR | OFF | 2009/11/03 13:15 |
| S44 | 10 | S40 and (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3") | US-PGPUB; USPAT | OR | ON | 2009/11/03 13:24 |
| S45 | 0 | 118/719.ccls. and ((electrode cathode anode) with (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3") with abnormal with discharg\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 13:27 |
| S46 | 58 | 118/719.ccls. and ((electrode cathode anode) with (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3")) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 13:27 |
| S47 | 6835 | ((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4)) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 09:35 |
| S48 | 440 | ((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 09:36 |
| S49 | 4 | ((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4 with abnormal\$4) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 09:36 |
| S50 | 4 | ((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4 with abnormal\$4) | EPO; JPO; DERWENT | OR | ON | 2009/11/04 12:18 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L43 | 2 | korenaga-tetsuo.in. nagadome-ryuji.in. | USPAT; UPAD | OR | ON | 2009/11/04 20:44 |

11 / 4 / 09 8:44:59 PM

C:\ Documents and Settings\ KMoore\ My Documents\ EAST\ Workspaces\ 10593385.wsp